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**AN ORDINANCE**

**BY TRANSPORTATION COMMITTEE**

**AN ORDINANCE AMENDING THE 2000 (AIRPORT REVENUE BOND FUND) BUDGET BY TRANSFERRING TO AND FROM APPROPRIATIONS THE AMOUNT OF \$800,000.00 TO PROVIDE FUNDING FOR THE CONCOURSE E PRECONDITIONED AIR MOBILE UNITS AND GROUND POWER UNITS; AND FOR OTHER PURPOSES.**

**WHEREAS**, the City of Atlanta has undertaken a capital improvement program to facilitate major expansions and improvements at Hartsfield Atlanta International Airport in accordance with the new Airport Master Plan, including a Concourse E Expansion Project, Contract FC 7129-99; and

**WHEREAS**, it is necessary to acquire and install mobile Preconditioned Air and Ground Power Units for new gates now being constructed on Concourse E under said Contract, for interim use from April 2001 when the gates are completed until April 2002 when the units designed for the gates are installed and operational; and

**WHEREAS**, it is now necessary to amend the 2000 Airport Revenue Bond Fund Budget to appropriate funds for acquisition and installation of said equipment.

**NOW, THEREFORE, THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY ORDAINS** as follows:

**Section 1:** That the 2000 Airport Revenue Bond Fund Budget be and hereby is amended as follows:

**TRANSFER FROM APPROPRIATIONS**

2H27 701001 T11001	Reserve for Appropriation	\$800,000.00
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**TRANSFER TO APPROPRIATIONS**

2H27 774001 R21E010493CG	Facilities Other Than Bldgs.	\$800,000.00
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**Section 2:** That all ordinances or parts of ordinances in conflict herewith be and the same are hereby repealed.

Legislation White Paper

Council Meeting Date: 11/20/00

Legislation Title: **Mobile Pre-Conditioned Air Units and Ground Power Unit;  
Concourse E- Hartsfield Atlanta International Airport.**

Justification Statement: Contract will provide for the acquisition and installation of mobile pre-conditioned air units and 400 Hz ground power unit at Concourse E. Critical services that have to be provided at a passenger boarding gates are pre-conditioned air (PCA) and power to the aircraft. Currently construction is taking place that will add additional gates to Concourse E adding more load to an already under sized PCA system servicing the terminal. Therefore it is necessary to provide temporary PCA service through the use of mobile units for these gates for approximately one year while modification of the PCA system is completed.

The existing Pre-Conditioned Air system at Concourse E currently supplies air-handling units (AHU's) installed on the existing passenger boarding bridges (PBB's). This existing system is incorrectly sized for it's present usage and this is demonstrated by the various problems that have surfaced. The problems manifested themselves by reaching the flow limitation of the concourse distribution pump, which supplies all the PCA air handlers.

Therefore, not only does the system experience problems today under the existing gate schedule, but also when the Concourse E Phase I Expansion is completed these problems would only be compounded. Furthermore, since the system cannot support today's cooling requirements, it obviously cannot support the new load associated with the future East Wing expansion. To address this problem and future anticipated needs the Dept. of Aviation's consultant, Aviation Consulting Engineers (ACE) is currently doing a design modify and expand the capacity of the PCA system to meet future planned expansion.

Concourse E Expansion - Phase 1 is presently ongoing and provides for the construction of four additional gates at, two each at the north and south ends of the terminal and will be completed in April 2001, while the PCA project is anticipated to be completed in April 2002. Therefore it is necessary to provide PCA capability to these additional gates during the period April 2001 to April 2002 in order to make them operational.

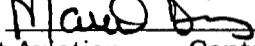
Fund Account Center: Renewal and Extension Fund

Method of Cost Recovery: Not Applicable

Prepared by: Jeffrey Brown

**TRANSMITTAL FORM FOR LEGISLATION**

**To Mayor's Office:** Greg Pridgeon

General Manager's Signature:   
From: Originating Department Aviation Contact Person: Charles Bell 404-209-1700  
Committee of Purview: TC Committee Deadline: 10/20/00  
Committee Meeting: 11/01/00 Council Meeting: 11/06/00

**CAPTION:**


**AN ORDINANCE AMENDING THE 2000 (AIRPORT REVENUE BOND FUND) BUDGET BY TRANSFERRING TO AND FROM APPROPRIATIONS THE AMOUNT OF \$800,000.00 TO PROVIDE FUNDING FOR ACQUISITION OF TEMPORARY MOBILE PRECONDITIONED AIR UNITS AND GROUND POWER UNITS; AND FOR OTHER PURPOSES.**

**BACKGROUND/DISCUSSION:**

This paper authorizes the transfer of funds from the 2000 Airport Revenue Bond Fund's Reserve for Appropriation account. This action will fund the cost of acquiring and installing mobile preconditioned air and ground power units to provide additional capacity on Concourse E. The current capacity is inadequate to serve the new gates being constructed under Contract FC 7129-99. The mobile units will be needed from completion of the gates in April 2001 until completion of modifications and expansion of the Preconditioned Air System for Concourse E in April 2002.

**FINANCIAL IMPACT:** \$800,000.00 **SOURCE:** 2000 Airport Revenue Bond Fund  
Fund Account Center numbers and availability of funds verified by Financial Analyst, Tracy Curry.

**Mayor's Staff Only:**

Received by Mayor's Office: 10/9/00 Reviewed:  10/19/00  
(Date) (Initials) (Date)

Submitted to Council: \_\_\_\_\_

Action by Committee: ☐ Approved ☐ Adversed ☐ Held  
☐ Amended ☐ Substituted ☐ Referred ☐ Other